CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original): An optical information recording medium comprising a ROM area in which pre-pits are arranged in a line in advance, wherein a groove having a depth smaller than a depth of the pre-pits is formed between the pre-pits, and wherein the groove has a width at junction parts of the groove and the pre-pits smaller than a width of a part of the groove other than the junction part.

Claim 2 (original): The optical information recording medium according to Claim 1, wherein the following relationships are satisfied:

$$\frac{1}{2} Wg \leq Wpg < Wg; \text{ and } Wpg < Wp$$

where Wp, Wpg and Wg represent a width of the pre-pit, the width of the groove at the junction parts, and the width of the other part of the groove other than the junction parts, respectively.

Claim 3 (original): An optical information recording medium comprising a ROM area in which pre-pits are arranged in a line in advance, wherein a groove having a depth smaller than a depth of the pre-pits is formed between the pre-pits, and wherein the groove has a depth at junction parts of the groove and the pre-pits smaller than a depth of a part of the groove other than the junction parts.

Claim 4 (original): The optical information recording medium according to Claim 3, wherein the following relationship is satisfied:

$$\frac{1}{2} Dg \leq Dpg < Dg$$

where Dpg represents the depth of the groove at the junction parts, and Dg represents the depth of the other part of the groove.

Claim 5 (original): An optical information recording medium comprising a substrate, a ROM area which is formed on the substrate and in which pre-pits are arranged in a line in advance and a recordable area which is formed on the substrate and in which a guiding groove is arranged, the pre-pits and the guiding groove wobbling in a radius direction of a substrate, wherein a groove having a depth smaller than a depth of the pre-pits is formed between the pre-pits, and the groove between said pre-pits has a wobbling amount greater than a wobbling amount of the pre-pits.

Claim 6 (currently amended): An optical information recording medium comprising a ROM area in which pre-pits are arranged in a line in advance and a recordable area in which a guiding groove is arranged, wherein a pit having a depth not greater than a depth of the pre-pits is formed between the pre-pits, and wherein a shallow groove is present between two deep pre-pits.

Claim 7 (original): The optical information recording medium according to Claim 6, wherein the pit is connected to two of the pre-pits.

Claim 8 (original): The optical information recording medium according to Claim 6, wherein the depth of the pit is equal to the depth of the guiding groove.

Claim 9 (original): The optical information recording medium according to Claim 6, wherein the pit has a width not greater than a width of the guiding groove.

Claim 10 (original): An optical information recording medium comprising a substrate, a ROM area which is formed on the substrate and in which pre-pits are arranged in a line in advance and a recordable area which is formed on the substrate and in which a guiding groove is arranged, the pre-pits and the guiding groove wobbling in the radial direction of the substrate, wherein a pit having a depth smaller than a depth of the pre-pits is formed between the pre-pits, and the pit has a wobbling amount greater than a wobbling amount of the pre-pits.

Claim 11 (original): An optical information recording medium comprising a substrate, a ROM area which is formed on the substrate and in which pre-pits are arranged in a line in advance and a recordable RAM area which is formed on the substrate and in which a pre-groove is arranged, a recording layer located overlying the substrate, a reflection layer located overlying the recording layer, and a protection layer located overlying the reflection layer, wherein a groove is formed between the pre-pits along the line of the pre-pits, and a projection portion is formed in a height direction of the substrate at junction parts of the pre-pits and the groove.

Claim 12 (original): The optical information recording medium according to Claim 11, wherein the recording layer is a dye layer.

Claim 13 (original): The optical information recording medium according to Claim 11, wherein the following relationship is satisfied:

$$Hg/Hp > 0.08$$

wherein Hp represents a height from a bottom of the pre-pits to a top of the projection part, and Hg represents a height from a bottom of the groove to the top of the projection part.

Claim 14 (original): The optical information recording medium according to Claim 13, wherein the following relationship is satisfied:

$$Lbg/Lbp > 0.75$$

wherein Lbp represents a track-direction length of the bottom of the pre-pits of a 3T pit, and Lbg represents a track-direction length of the bottom of the groove between the pre-pits of a 3T land.

Claim 15 (original): The optical information recording medium according to Claim 11, wherein said projection part has a steep-edged shape.